



DEPARTMENT OF THE NAVY
USS EMORY S. LAND (AS-39)
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From: Commanding Officer, USS EMORY S. LAND (AS 39)
To: Director of Naval History (OP-0BH), Washington Navy Yard
Washington, DC 20374

Subj: USS EMORY S. LAND (AS 39) COMMAND HISTORY FOR CALENDAR
YEAR 2000

Ref: (a) OPNAVINST 5750.12G

Encl: (1) Organization Structure
(2) Biography and Photograph of Commanding Officer,
Captain Leonard A. Zingarelli
(3) Welcome Aboard Booklet
(4) 3 1/2" Floppy Disk
(5) Ship's Photograph
(6) Copy EMORY S. LAND Unit SITREPS

1. Command Composition and Organization. USS EMORY S. LAND (AS 39) is a mobile, nuclear repair capable submarine tender. Its mission is to support submarines and other Naval assets worldwide. Command UIC: 20635. Per reference (a), enclosures (1) through (6) are provided.

2. Chronology.

<u>Day/Month</u>	<u>Significant Events</u>
<u>JANUARY</u>	
01-03	Inport La Maddalena, Italy
04-06	Underway, enroute Souda Bay, Greece
06-16	Inport Souda Bay, Greece
16-19	Underway, enroute La Maddalena, Italy
19-31	Inport La Maddalena, Italy
<u>FEBRUARY</u>	
01-29	Inport La Maddalena, Italy
<u>MARCH</u>	
01-28	Inport La Maddalena, Italy
29-31	Underway, enroute MODLOC
<u>APRIL</u>	
01-02	Underway, enroute Augusta Bay, Sicily

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02 Inport Augusta Bay, Sicily
02-04 Underway, enroute La Maddalena, Italy
04-30 Inport La Maddalena, Italy

MAY

01-18 Inport La Maddalena, Italy
19-23 Underway, Haifa Israel
23-28 Anchored, Haifa Israel
28-31 Underway, enroute Corfu, Greece
31-09 JUN Anchored, Corfu, Greece

JUNE

09-10 Underway, enroute Augusta Bay, Sicily
10-19 Inport Augusta Bay, Sicily
19-21 Underway, enroute La Maddalena, Italy
21-30 Inport La Maddalena, Italy

JULY

01-27 Inport La Maddalena
28-29 Underway, enroute La Spezia, Italy
29-01 AUG Anchored, La Spezia, Italy

AUGUST

01-02 Underway, enroute La Maddalena, Italy
02-28 Inport La Maddalena, Italy
28-31 MODLOC Independent Steaming

SEPTEMBER

01-03 MODLOC
04-09 Inport La Maddalena, Italy
09-13 Underway, enroute Aksaz, Turkey
13-18 Inport Aksaz, Turkey
18-22 Underway, enroute La Maddalena, Italy
22-30 Inport La Maddalena

OCTOBER

01-29 Inport La Maddalena, Italy

NOVEMBER

01-04 Inport La Maddalena, Italy
03-05 Underway, enroute MODLOC
06 Inport Augusta Bay, Sicily
06-09 Underway, enroute Rijeka, Croatia
09-17 Inport Rijeka, Croatia
17-21 Underway, enroute La Maddalena, Italy
21-30 Inport La Maddalena, Italy

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DECEMBER

01-05	Inport La Maddalena, Italy
05-07	MODLOC
07-31	Inport La Maddalena, Italy

3. Command Awards. USS EMORY S. LAND was awarded the Weapons Black "W", Communications Green "C", Dental Yellow "D", Supply Blue "E", Repair Red "R", Medical Yellow "M" and the Battle Efficiency.

4. Narrative

a. The Weapons Repair Department's accomplishments during 2000 included:

(1) EMORY S. LAND is the only Tomahawk Cruise Missile stowage, issue and receipt and maintenance facility for submarines and surface ships in the Mediterranean Theater of operations. Conducted over 100 days of safe weapons logistic evolutions while forward deployed which included:

(a) MK 48/ADCAP Torpedoes	16
(b) Tomahawk Cruise Missiles	62
(c) Small Arms Ammunition	416,974
(d) Pyrotechnics	3584

(2) Assumed responsibility for all shipboard crane operations, training and maintenance developing a workload-sharing plan to successfully man and provide quality crane services when required. Qualified over 25 crane crewmembers and ensured that crane services were 100% available.

(3) Conducted the first two forward deployed Tomahawk CLS missile off-loads from attack submarines taking advantage of the ship's vertical missile stowage capability. Both evolutions far exceeded all expectations for safety, proficiency and time.

(4) Provided managerial oversight to Norfolk Naval Shipyard in the completion of SHIPALT 2527K, an \$11 million dollar Tomahawk magazine modification, completed three weeks ahead of schedule and under budget. Managed and maintained 122

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ordnance accounts valued at over \$35 million. Issued and received 27 Tactical Weapons, 624 pyrotechnic devices and over 76,128 rounds of ammunition in support of submarines and surface combatants.

(5) Conducted the first ever on-deck repair of a surface combatant VLS Tomahawk Cruise Missile AUR; conducted first ever in place replacement of Capsule Closure Assembly (CCA) for a submarine CLS Tomahawk returning another deployed asset to full up round condition. These successful evolutions returned OOC missiles to full up round condition and re-defined ESL's mission.

(6) Supported six Weapons System Readiness Reviews by providing Submarine CLS support equipment and technical assistance. This significantly improved the Tomahawk strike readiness of deployed attack submarines.

(7) Conducted IMA level repairs on five submarine CLS Tomahawk Cruise Missile AUR's on board, returning these assets to ready for issue condition; supported 12 VLS missile tube maintenance evolutions.

(8) Safely conducted 582 weight tests for 34 submarines and surface ships including 64 weight test jobs; and 180 crane lifts performed in six days for an Amphibious Readiness Group. Many were performed on ships at anchor and in inclement weather.

(9) Conducted over 3,000 crane lifts in support of tended submarine and surface ship upkeeps safely and without incident. Additionally, completed over 250 critical crane lifts that included two submarine trim pump change outs, two condensate pump change outs, a gas turbine change out to an FFG and three critical nuclear radiological crane evolutions.

(10) Qualified over 940 ship's force personnel in small arms operations, safety and deadly force in support of increased THREATCON measures.

b. The Medical Department's accomplishments for 2000 include:

(1) Initiatives were focused on prevention of pregnancy among single Sailors, prevention of sexually transmitted

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disease, identification and initiation of appropriate therapy for individuals with hypertension and elevated cholesterol, encouragement of exercise and proper nutrition, and proactive support for tended units.

(2) Aggressively involved in ship's indoctrination program for newly reported personnel. During indoctrination, all medical readiness requirements, including immunizations and CPR training, were completed prior to the member reporting to his or her department. Also during indoctrination, the Medical Department educated all new Sailors on safe sexual practices to decrease the risk of sexually transmitted diseases and single Sailor pregnancies.

(3) Screened the medical record of each new check-in to identify risk factors requiring screening procedures or intervention. Special attention was focused on risk among single Sailors for pregnancy or sexually transmitted disease. A medical officer individually counseled each single female crewmember concerning safe sex, prevention of sexually transmitted disease, pregnancy, and birth control options. Currently, in a crew with 456 females, 245 single females under 25 years of age use some form of birth control. Approximately 65% of these are on oral contraceptives and 35% are on Depo Provera.

(4) Initiated the CHOICES program to educate every young Sailor on the importance of setting goals and making plans to reach those goals. The program emphasizes the importance of responsible behavior, family planning, budgeting, safe sex, prevention of sexually transmitted diseases and unwanted pregnancies.

(5) Supported 27 visits by 9 submarines, and 23 visits by 23 surface ships. A Fleet Liaison Representative was designated to coordinate tended unit support.

(6) The following table indicates the number of procedures the Medical Department performed for tended units and own ship's crew:

<u>PROCEDURE</u>	<u>TENDED UNITS</u>	<u>EMORY S. LAND</u>
Physical Examinations	201	222
X-rays	128	414

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Laboratory Procedures	942	4,026
Pharmacy Units	55	5,660
Audiograms	988	1.024
Sick Call Visits	46	2,880
Medical Officer Appointments	118	3,840
OSHA Physical Examinations	N/A	551
Immunizations	N/A	6,580

(7) Each external inspection such as the Medical Readiness Assessment, Engineering Training Group Evaluation, Nuclear Readiness Evaluation, and NAVSEA 08 Radiological Controls Inspection has identified significant improvement by the Medical Department. The Radiation Health Program improved by two grades.

(8) Medical supply has dramatically improved readiness with the implementing of Prime Vendor. Medications are normally received in two weeks, increasing the quality of health care. The mail-out pharmacy program has been successfully used to obtain high cost medications, decreased budget constraints and allowing the Medical Department to purchase additional new equipment.

(9) Anthrax immunizations were at a 98% completion rate prior to the DOD-directed suspension of the program.

c. The Legal Department processed:

Non-judicial Punishments:	99
Administrative Separations:	24
Special Courts-Martial:	0
Summary Courts-Martial:	1

d. The Dental Department accomplishments during 2000 included:

(1) Maintained an outstanding Operational Dental Readiness and Dental Health Index for the over 1,200 ships company, as well as the 33 vessels alongside.

(2) Dental Readiness:

(a) Consistently maintained Operational Dental Readiness (ODR) and Dental Health Index of the EMORY S. LAND's

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above Naval Dental Center and Fleet averages, while concurrently ensuring a high ODR for the submarines assigned to Submarine Squadron 22 and surface ships deployed to the Mediterranean. ODR for the ship reached an all-time high of 98.4% in June 2000 with a Dental Health Index of over 38%, ranking among the best in the Fleet.

(b) Increased the scope of comprehensive dental care provided which reduced the loss of valuable man-hours due to referrals to other facilities.

(c) Provided dental lab support to NSA La Maddalena Branch Dental Clinic, aiding neighboring commands to cut down turn-around time for dental prosthetic delivery.

(d) Instituted an athletic mouth guard program for all crewmembers to reduce incidence of sports related dental injuries.

(e) Specific achievements:

AS 39 Patient Encounters	3,058
AS 39 Major Dental Procedures	10,602
Number of Sub/Ships Supported	23
Sub/ship Alongside Patients	474
Sub/ship Alongside Major Dental Procedures	1,695
Total Patient Encounters:	3,532
Total Major Dental Procedures:	12,297

(3) Support to the Force:

(a) Provided dental support to 10 submarines and 20 surface ships during 43 Fleet Maintenance Availabilities.

(b) Treated over 300 patients and completed over 1000 procedures on vessels alongside. Provided off-duty hour dental cleanings on a regular basis to make up for dental manpower shortages.

(c) Treated all emergency patients from vessels alongside and returned them to duty without need for further costly MEDEVAC to larger Dental Treatment Facilities.

e. The Repair Department's accomplishments during 2000 included:

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(1) Successfully completed 50 Fleet maintenance availabilities (FMAVs) for ships and submarines assigned to two AOR CINCs - COMFIFTHFLT and COMSIXTHFLT. Our Fly-Away Teams (FAT) rapidly responded to seventy-one emergent repair missions all over the Mediterranean and Gulf regions. In these efforts, EMORY S. LAND has completed work for five different Type Commanders (SUBLANT, SURFLANT, AIRLANT, SURFPAC AND AIRPAC).

(2) Demonstrated unparalleled success in submarine and surface ship repair, full-time mobile Intermediate Maintenance capability for Mediterranean Sea and Arabian Gulf deployed U.S. and NATO Naval forces. The EMORY S. LAND provides aggressive, timely response enabling warships to meet mission requirements. Some highlights of our outstanding year:

Submarine Repair Excellence

- o 27 Submarine Availabilities (93% increase from 1999)
- o 1070 Jobs Completed (27% increase from 1999)
- o 37,651 Man-hours Expended (53% increase from 1999)

Surface Ship Repair Excellence

- o 23 Surface Ship Availabilities (87% increase from 1999)
- o 2660 Jobs Completed (115% increase from 1999)
- o 45,265 Man-hours Expended (42% increase from 1999)

Excellence in Own Ship Repairs

- o 937 Jobs completed
- o 62,420 Man-hours Expended

(3) Completed arduous work in various locations throughout Europe and the Middle East, greatly improving the deployed units ability to remain on station and complete assigned mission.

(4) Working in an austere manning and fiscal environment and with a cumbersome logistics train, innovative management and training methods were brought to bear to accomplish significantly more work than in 1999. Specifically, Repair Department managers utilize the power of Web-based presentations including those offered from SURFLANT's web-centric Maintenance University. This allows for the standardization of critical training and qualification processes and hone the performance of just-in-time job and shift briefs.

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(5) First Time Accomplishments

(a) Performed a Gas Turbine change-out for a deployed DDG in La Maddalena. The first change-out completed in over five years here in Sardinia.

(b) Completed an EMORY S. LAND self-help project of building a "state of the art" learning resource center. This center includes twenty computer stations configured for classroom training.

(c) Completed emergent dive-stop repairs for the USS HARTFORD. The complex machining required for this repair had never been completed on a tender.

(d) Reconfigured the former foundry into a large Powder Coating Facility. This innovative and successful project has been compared favorably to shipyard facilities in size and capacity. All the training and qualifications for this facility was "home-grown". The preservation efforts of deployed ships and submarines and EMORY S LAND are dramatically and positively enhanced.

f. The Deck Department's accomplishments during 2000 included:

(1) Total number of crane lifts conducted by Deck Department in support of ship's mission: Total 649

(2) Conducted two alongside refueling evolutions, receiving over 500,000 gallons of F76 fuel.

(3) Completed over 84 submarine and surface mooring evolutions; 15 precision anchorage evolutions; 16 med-mooring evolutions; four vertical replenishments receiving over 300 pallets of stores and successfully accomplished the MEDEVAC of two submarine Sailors via Ship's Motor Whale Boat.

g. The Port Services Department's accomplishments during 2000 included:

(1) Total number of boat runs from Jan thru Dec 00:
Total 2,955; PAX 132,590

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(2) Port Services operated water-taxi service that provides transportation to and from Refit Site One. With seven Landing Craft Mechanized (LCM) crafts, Port Services transported an average of 1,500 passengers per day completing over 26,000 boat runs and logging over 50,000 nautical miles without incident.

(3) Superbly maintained and managed an oil spill response program. Received a satisfactory assessment from Naval Facilities Engineering Environmental Division for an exceptionally prepared plan and outstanding material condition of site assets.

(4) Maintained and utilizes fully a 55-year-old 100-ton floating crane (YD-245) that performed over 30 lifts this year. A key asset in the change out of the aft mooring modification, replacing over 15,000 pounds of various ground tackle.

(5) Maintained two 30-year-old tugboats in excellent condition despite decrease in billet and manning. Both tugs passed an Engineering Readiness Examination and an 18-month Diesel Inspection this year with excellent results. Displaying exceptional navigation and seamanship skill, the tug crews have completed over 200 accident free submarine, ship, yard crane, and various site asset moves, including the mooring of British and French Navy submarines. Both tugs participated in the assistance of an Italian vehicle ferry that ran aground in heavy weather in Palau, Sardegna. Additionally, both tugboats assisted the at sea transfer of three NATO Mobile Unit Service Equipment generators to the USNS GREENWAVE.

(6) Transit Supply Shed operations has received, stored, delivered and transferred over 4.7 million pounds of logistics material in support of EMORY S. LAND and 42 tended units, including 5 foreign navy vessels.

(7) Successfully performed Salvage and Recovery Operation involving LCM 86 craft, which sank in heavy weather.

h. The Supply Department's accomplishments during 2000 included:

(1) Selected as the Runner-up in the 2000 Captain Edward F. Ney Food Service Excellence Award, Large Afloat category.

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(2) Earned an outstanding review during February 2000 COMSUBLANT Supply Management Assessment.

(3) Provided tended units, both submarine and surface, extensive provisions and messing support. Catered a variety of high profile receptions, both on the ship and ashore. Notably, these events were instrumental in the Navy and the Submarine Force's efforts to promote positive foreign relations in ports such as Marmaris, Turkey; Haifa, Israel; Corfu, Greece; and La Spezia, Italy.

(4) Won Ship's Store Retail and Service Best of Class Excellence Award in the Atlantic Fleet. More importantly, the S-3 Division had a dramatic impact on the crew's outstanding Quality of Life. Over \$168,000 was transferred to the ship's Morale Welfare Recreation Fund as a result of outstanding retail sales in the Ship's Store, Land of Snacks, and numerous vending machines. Services were equally superb. Daily laundry service was offered with "same day" turnaround. The number of trained barbers tripled as a result of an intensive in-house training program.

(5) Flawless close-out of a \$10M FY00 OPTAR resulted in a 99% obligation rate, ensuring scarce resources were maximized. Developed and coordinated a comprehensive Unfunded Priorities Package that resulted in the obligation of an additional \$900,000 in year-end money.

(6) Postal operation rated as "Outstanding" during an annual inspection conducted by a team representing Commander in Chief, U. S. Naval Forces Europe.

(7) Completed a number of complex evolutions in support of forward-deployed forces operating in the SIXTH Fleet. Coordinated receipt of over 2,500 pallets of stock and Direct Turn Over material in eight different ports, both European and Middle Eastern. Flawlessly completed over 2,000 crane and elevator operations with zero safety incidents. Vertical Replenishments conducted with the on-station T-AFS were equally successful.

(8) Provided Disbursing, Travel, and all currency services for a crew of 1,200 Sailors and all tended units. Similarly, foreign exchange in local currencies was also

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provided. An impressive \$20M in payroll and other entitlements was authorized and paid by the Disbursing Division.

i. The Engineering Department's accomplishments during 2000 included:

(1) Steamed 12,752 nautical miles, received 3,300,805 gallons of fuel oil and transferred over 1,449,000 gallons.

(2) Tended 30 surface and submarine vessels, including the British Navy. Superbly provided all requested services without fail at the ship's homeport in La Maddalena, Italy and throughout the Mediterranean in various ports of call which included:

- (a) Shore Power
- (b) CHT
- (c) Oily Waste
- (d) Potable Water
- (e) Temporary Fire Fighting Equipment
- (f) Ballasting Water
- (g) Nitrogen Charges - (13 total charges)
- (h) LP Air
- (i) Diesel Fuel Oil
- (j) 9250 Lube Oil
- (k) 2190 Lube Oil
- (l) Shore Steam
- (m) Pure Water
- (n) Feed Water
- (o) Small Engine Repair
- (p) DC Equipment Refurbishment/Replacement
- (q) EDG Maintenance, Assistance and Inspections

(3) Refueled at Sea (RAS) twice receiving 851,905 gallons of fuel oil as fast and efficiently as any surface combatant, maintaining proficiency for mission readiness.

(4) Our aggressive habitability program has attacked many of the more transparent factors that dramatically affect crew motivation, quality of life and capability. Some of these include keeping the laundry, galley, and ship's service equipment including the ship's new self-serve laundry to 100% capability.

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(5) Investigated and corrected over 5,100 trouble calls throughout the ship. The exceptional maintenance practices from Engineering personnel have resulted in a dramatic decrease in system failures.

j. The Operations Department's accomplishments during 2000 included:

(1) Navigated the ship through 13,642 miles, 25 Navigation Details, 8 monitors from CSS 22, and a NAVCHECK Ride.

(2) After conducting a chart audit of over 2000 charts, implemented a new chart correction system, which utilizes electronic resources more efficiently and increased the Navigation Division ready chart list by tenfold, encompassing all the major ports in the Mediterranean Sea.

(3) Provided an impromptu navigation team transit of a U.S. Navy Tug across the Tyrrhenian Sea and back in support of a submarine port visit in Naples, Italy.

(4) Safely navigated in and out of ten ports of call in the Mediterranean.

(5) Active participant in FIGLEAFS 00-1 thru 00-5. Provided critical communications links to the Mediterranean Fleet as part of the High Frequency Mobile Communication Network.

(6) Served as the Defense Courier Management System control station for SIXTH Fleet assets. Coordinated with DCS Sigonella for the delivery and pickup of over 1000 pounds of CMS material for over 30 units.

(7) Recognized as superior performers in multiple strategic connectivity exercises in support of a network of survivable communication systems.

(8) Magnificently managed seven strategic and tactical circuits as Broadcast Monitor and Net Control for U.S. and NATO submarines conducting training and mission support throughout the Mediterranean Sea.

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(9) Receives, processes, delivers, and transmits over 1000 messages daily in support of SIXTH Fleet assets.

(10) Provided invaluable support to Commander, Submarine Group EIGHT as Off-the-Air monitor for Mediterranean Submarine VLF and Satellite circuits.

(11) Provided flawless dedicated HF safety and tracking support for the transit of a U.S. Navy Tug across the Tyrrhenian Sea and back in support of a submarine port visit in Naples, Italy.

(12) Provided superb day-to-day communications support for Commander, Submarine Squadron Twenty Two and staff. Always keeping the embarked Commander informed of events in real time.

(13) Assisted visiting submarines by assuming their guard, providing general messages, internet access, and pre-underway checks in support of their deployment.

(14) Zero CMS deficiencies while managing an account in excess of 1,000 line items in support of deployed submarines in the FIFTH and SIXTH Fleet's Area of Responsibility.


L. A. ZINGARELLI